



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/902,201	07/10/2001	Trevor D. Schleiss	06005/37169	8312
4743	7590	12/21/2004	EXAMINER	
MARSHALL, GERSTEIN & BORUN LLP 6300 SEARS TOWER 233 S. WACKER DRIVE CHICAGO, IL 60606			NGUYEN, PHUOC H	
			ART UNIT	PAPER NUMBER
			2143	

DATE MAILED: 12/21/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	09/902,201	SCHLEISS ET AL.	
	Examiner	Art Unit	
	Phuoc H. Nguyen	2143	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) Responsive to communication(s) filed on 10 July 2001.

2a) This action is FINAL. 2b) This action is non-final.

3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) Claim(s) 1-33 is/are pending in the application.
4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5) Claim(s) _____ is/are allowed.

6) Claim(s) 1-33 is/are rejected.

7) Claim(s) _____ is/are objected to.

8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) The specification is objected to by the Examiner.

10) The drawing(s) filed on _____ is/are: a) accepted or b) objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) All b) Some * c) None of:
1. Certified copies of the priority documents have been received.
2. Certified copies of the priority documents have been received in Application No. _____.
3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) Notice of References Cited (PTO-892)
2) Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
4) Interview Summary (PTO-413)
, Paper No(s)/Mail Date. _____.
5) Notice of Informal Patent Application (PTO-152)
6) Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-33 rejected under 35 U.S.C. 102(e) as being by Ankireddipally et al (Hereafter, Ankireddipally) U.S. Patent No. 6,772,216.
3. Regarding claims 1,10,17,22,27, and 31-33, Ankireddipally discloses a method of communicating information within an enterprise (Figure 1) having a process control system and a plurality of information technology systems (eg. client machine 34 and 38), the method comprising the steps of: generating transactional process control information (eg. exchange message or information (system parameter, events and alerts, and transaction definitions)), formatting the transactional process control information based on a first extensible markup language (eg. xml) schema to form formatted transactional process control information (eg. service machine (20) send a XML document information to the client machine 34; col. 17 lines 46-49); sending the formatted transactional process control information to a transactional information server (eg. CX server) via a web services interface (eg. HTTP; Figure 15, and col. 20 lines 30-35); mapping the formatted transactional process control information to a second

extensible markup language schema associated with one of the plurality of information technology systems to form mapped transactional process control information (eg. CX server receives the XML document and perform mapping between a XML document and data store schema) (col. 12 lines 64 through col. 13 lines 9); and sending the mapped transactional process control information to a first one of the plurality of information technology systems (col. 17 lines 46-49).

4. Regarding claims 2,12, and 18, Ankireddipally discloses generating the transactional process control information includes the step of generating one of device alarm information, process condition information and equipment condition information (eg. information data receive and stores are XML document and the information stores are system parameters, events and alerts, etc) (col. 12 last paragraph through col. 13, 1st paragraph).

5. Regarding claims 3,11,23, and 28, Ankireddipally discloses formatting the transactional process control information based on the first extensible markup language schema to form the formatted transactional process control information includes the step of using an XML input schema to form the formatted transactional process control information (inherently feature because both the service machine 20 and client machine 34 are exchange XML document through the CX server; col. 17 lines 46-50).

6. Regarding claims 4,13,24, and 30, Ankireddipally discloses sending the formatted transactional process control information to the transactional information server via a web services interface further includes the step of sending the formatted transactional process control information via one of a local area network, a wireless communication link and an internet (Figure 19).

7. Regarding claims 5, and 29, Ankireddipally discloses formatted transactional process control information to the second extensible markup language schema associated with the one of the plurality of information technology systems to form the mapped transactional process control information includes the step of mapping the formatted transactional process control information to an XML output schema associated with an application that is executed within the first one of the plurality of information technology systems (Figure 2; and col. 13 lines 1-3; and col. 14 lines 43-61).

8. Regarding claims 6,14,19, and 25, Ankireddipally discloses the step of mapping the formatted transactional process control information to the second extensible markup language schema associated with the first one of the plurality of information technology systems to form the mapped transactional process control information includes the step of using a data manipulation function to map a first attribute associated with the first extensible markup language schema to a second attribute associated with the second extensible markup language schema, wherein the first and second attributes are different (col. 13 lines 1-9).

9. Regarding claims 7,20, and 26, Ankireddipally discloses the step of sending the mapped transactional process control information to the first one of the plurality of information technology systems includes the step of sending the mapped transactional process control information via one of a local area network, a wireless communication link and an internet (Figure 19).

10. Regarding claims 8, and 16, Ankireddipally discloses the step of determining within the transactional information server whether the formatted transactional process control information is associated with a valid input schema (col. 12 last paragraph through col. 13 1st paragraph).

11. Regarding claim 9,15, and 21, Ankireddipally discloses the step of using a business rule to send the mapped transactional process control information to a second one of the plurality of information technology systems (Figure 19).

Conclusion

12. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Coelho et al. U.S. Patent 6,347,340

Hurwood et al. U.S. Patent 6,772,137

Lection et al. U.S. Patent 6,446,110

Barker et al. U.S. Patent 6,363,421

Araujo et al. Pub. No. US 2001/0047406

Porras et al. U.S. Patent 6,704,874

Lonnroth et al. U.S. Patent 6,826,597

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Phuoc H. Nguyen whose telephone number is 571-272-3919. The examiner can normally be reached on Mon -Thu (7AM-4: 30PM) and off every other Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David A Wiley can be reached on 571-272-3923. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Phuoc H. Nguyen
Examiner
Art Unit 2143

December 9, 2004



DAVID WILEY
EXAMINER
TECHNOLOGY CENTER 2100